

DX38/DSP244 Service Bulletin

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Handwritten notes on a piece of paper:

- $\frac{1130/sec}{h2} = \text{WAVELENGTH}$
- 10x AMPLIFIER POWER = +20dB SPL = TAKE CARE
- 2x (Speaker) (amp) = +6db
- Imp \neq DC Resistance
- $\frac{E}{IR}$ $\frac{W}{I/E}$ $\frac{1}{I+} = \frac{1}{I_1} + \frac{1}{I_2} + \frac{1}{I_3} + \text{etc}$
- If all else fails - TURN IT UP

For owners of EV DX-38 and Dynacord DSP-244 system processors. If you have installed the optional RS-485 port and you need to install a firmware update then you need to reinstall the original RS-232 serial card that came with the processor first. The current production documents state that you can successfully install a firmware update with the RS-485 card if you have firmware version 2.1 or later, however we have bricked three successive processors trying to update firmware with the RS-485 port even though our versions we 2.1 and higher. We strongly recommend that you use the RS-232 card for firmware upgrades until this problem is addressed by the manufacturer.

We have been successful bringing our bricked processors back to life with the following procedure and is worth a try before sending it in for repair:

This will only work if you processor has a lit blank display indicating that it is in boot load mode.

- 1 - Power down the unit.
- 2 - Remove the 485 card and replace it with the original 232 card, if you don't have the card we have on that you can borrow.
- 3 - Restart the unit.
- 4 - Launch the controller software on your computer (either RACE for the EV version or CrossMax for the Dynacord version).
- 5 - Use the menu command to install firmware and select RS-232.
- 6 - You will get a dialogue informing you that it can find no compatible hardware attached and will ask if you want to send the file anyway. Click yes.

If successful (so far it has worked for us) your processor should be back to normal, If not it will take a trip back to the dealer to repair.